

Fig.1

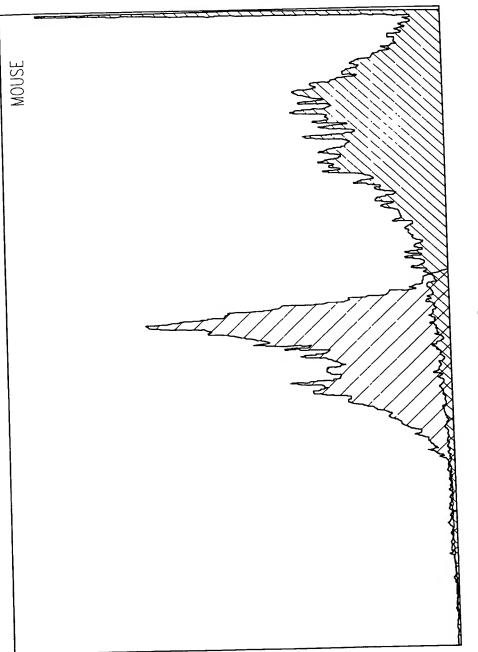


Fig. 2

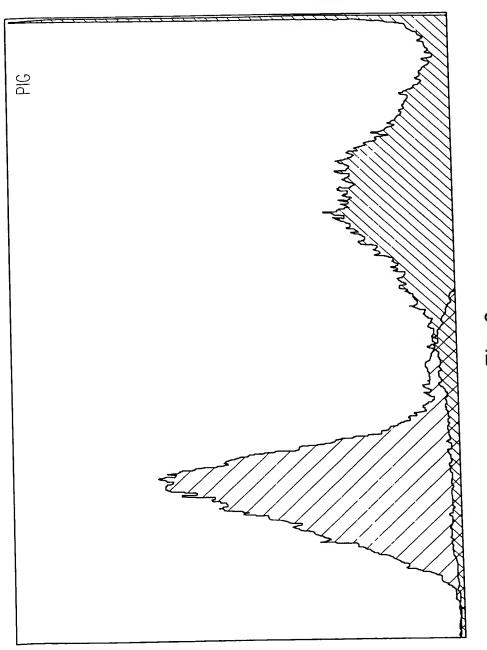
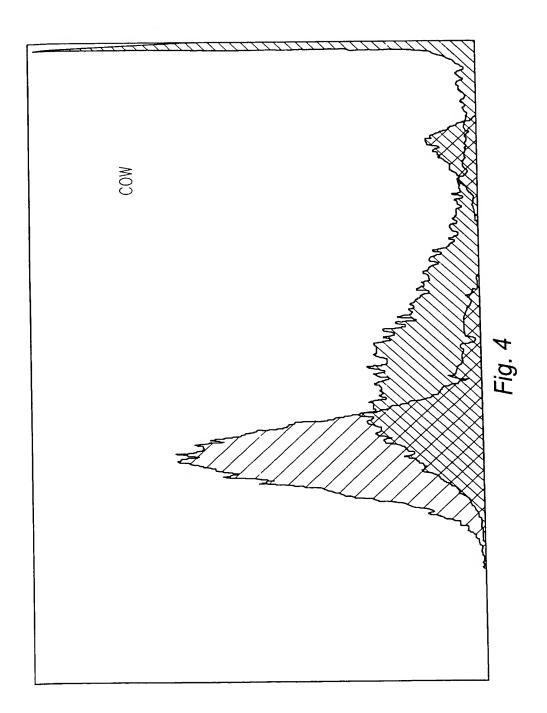
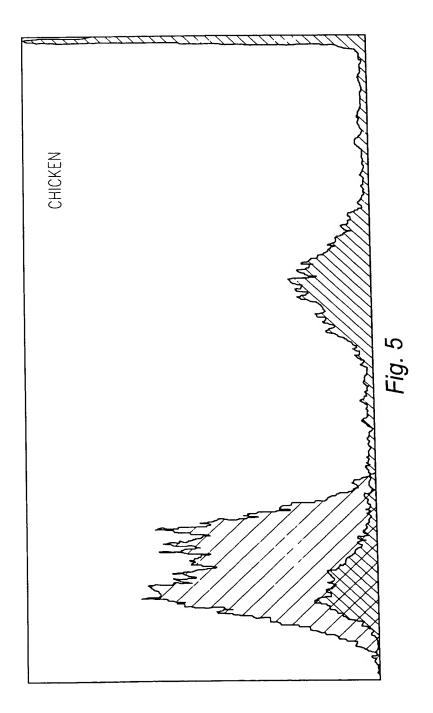
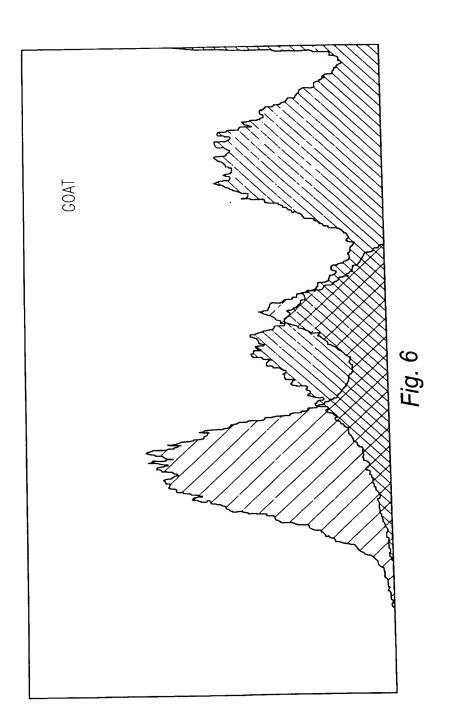
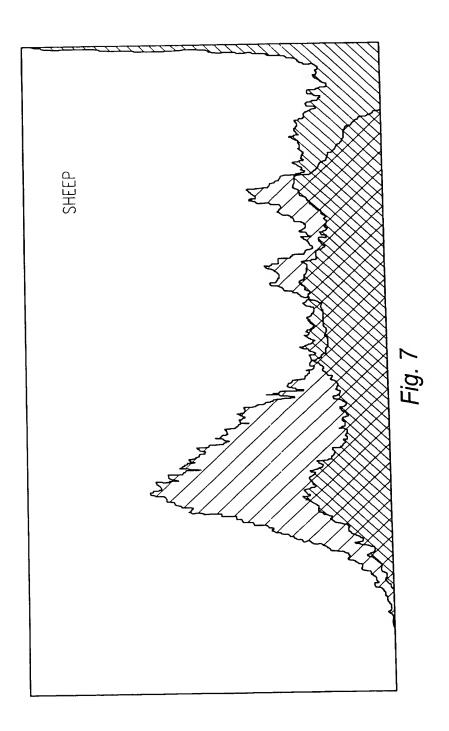


Fig. 3









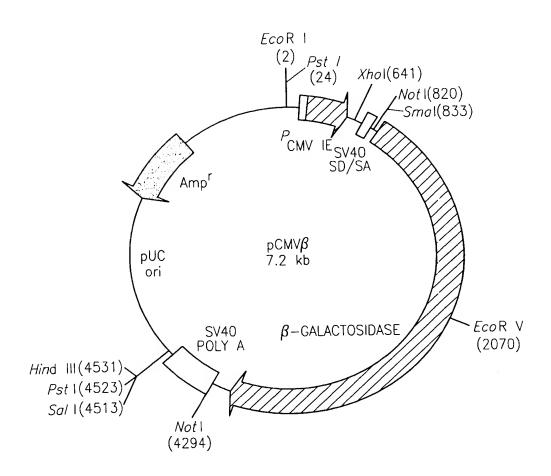
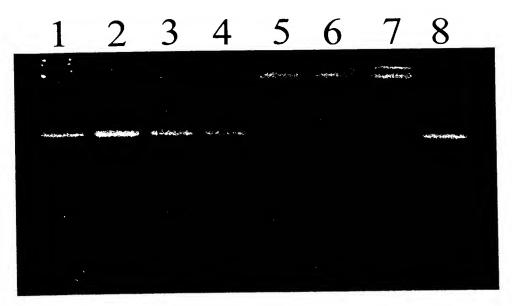


Fig. 8



lane 1: Sal I cut pSEAP-2 Control DNA

lane 2: Sal I cut pSEAP-2 Control DNA in Modified Tyrode's medium

lane 3: Sal I cut pSEAP-2 Control DNA + 0.1 μg mAb C

lane 4: Sal I cut pSEAP-2 Control DNA + 0.3 μg mAb C

lane 5: Sal I cut pSEAP-2 Control DNA + 1.0 μg mAb C

lane 6: Sal I cut pSEAP-2 Control DNA + 3.0 μg mAb C

lane 7: Sal I cut pSEAP-2 Control DNA + 10.0 μg mAb C

lane 8: Sal I cut pSEAP-2 Control DNA in Modified Tyrode's medium

Fig. 9

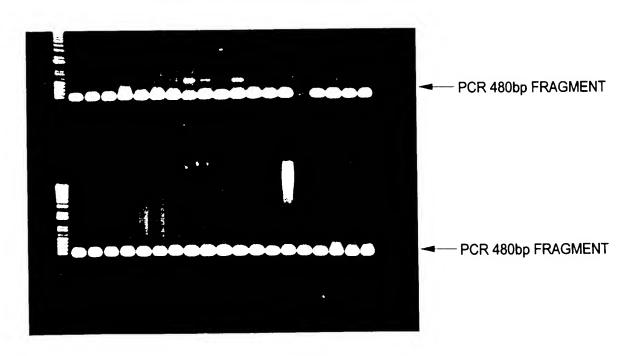


Fig. 10

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HBsAG SOUTHERN BLOT 3 DAY EXPOSURE

1 2 3 4 5 6 7 8 9 10 11 12 13 C1 C2 C3 C4 C5 C6 C7



Fig. 11

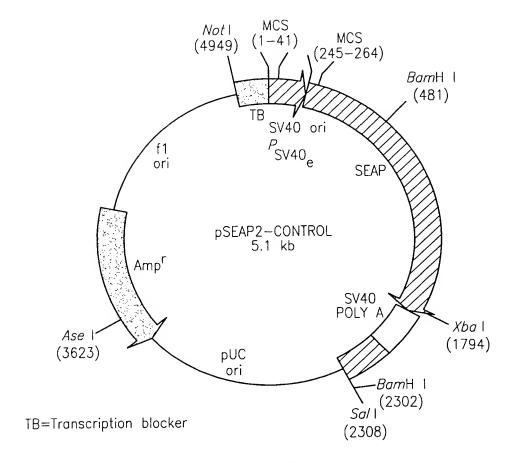


Fig. 12

Pig Tail DNA Southern Blot

M 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 M



M 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 M 1 2 2 4 4 8 16 32 M # of Copies of Control Plasmid

Fig. 13

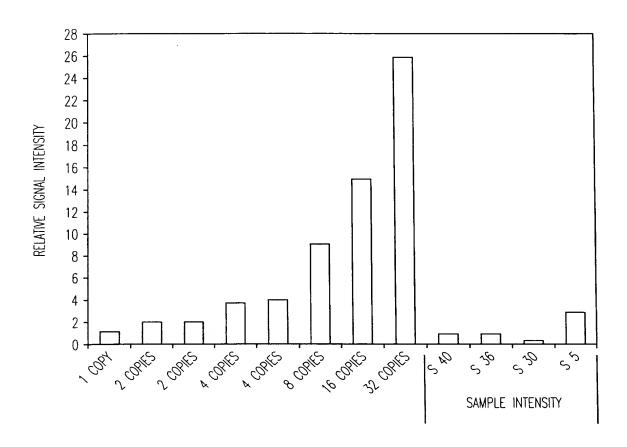
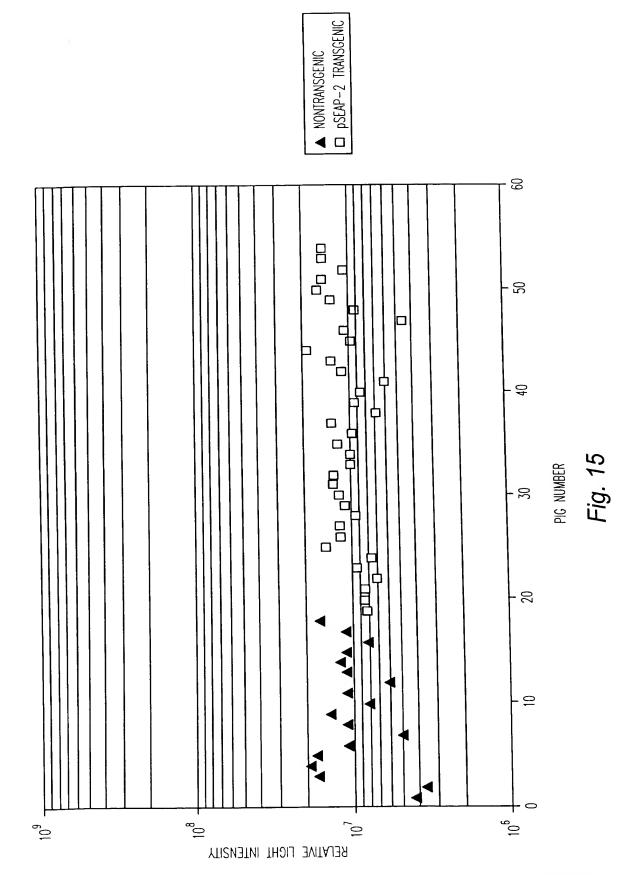
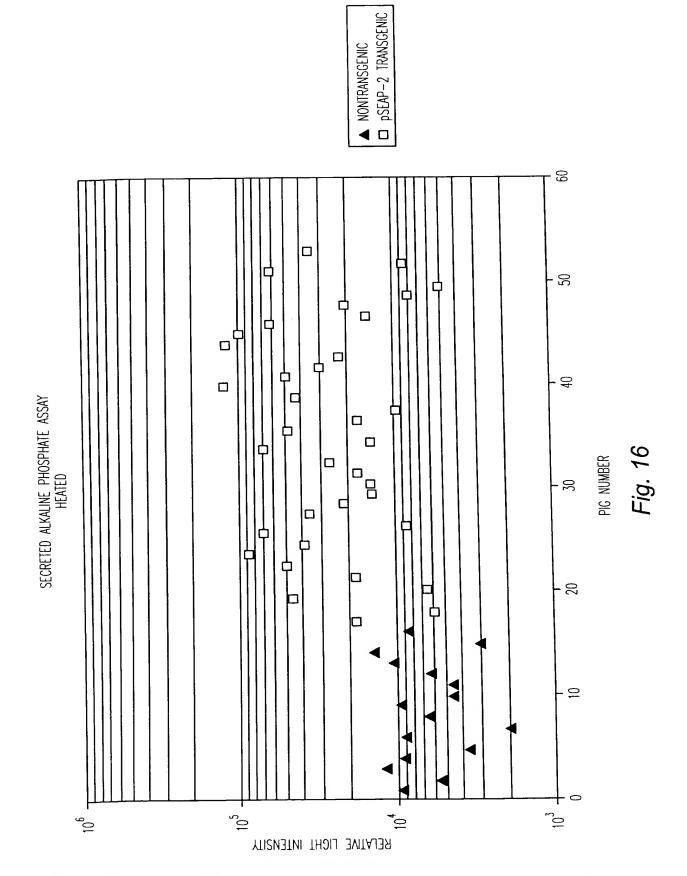


Fig. 14





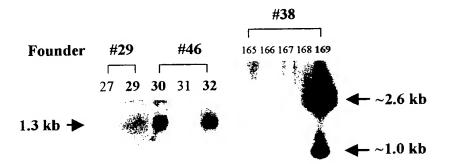
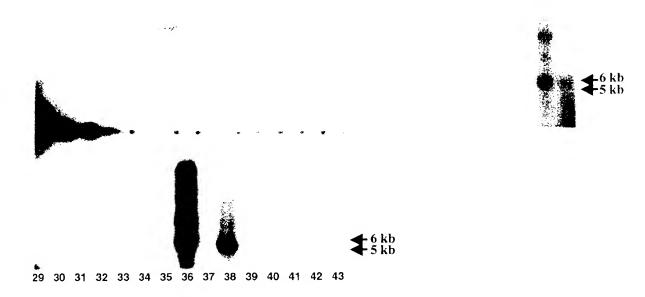


FIGURE 17

a.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26



b.

16 **17 26** 35 **36** 39 **40** 41 **42 43** 44 45 46 47 **48** 63 **64**



c.

Founder #4 #42 #8 #43 #23

148 149 150 151 152 153 154 155 156 157 158 159 160 184 185 186 187 188 205 206 417 418 419

1.3 kb ->

FIGURE 18

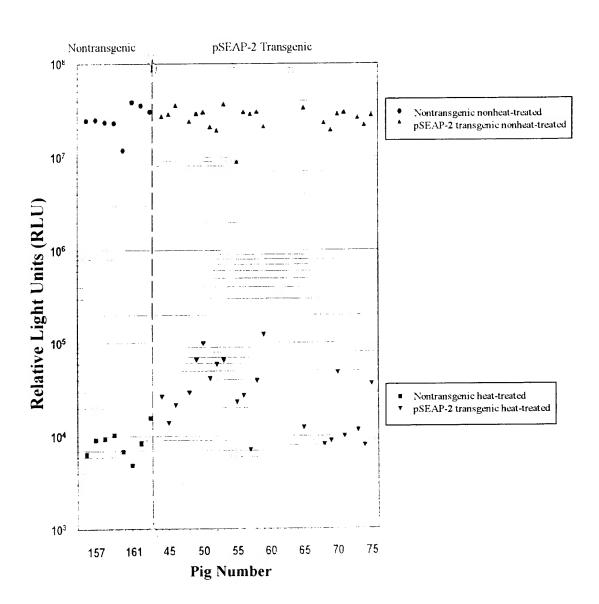
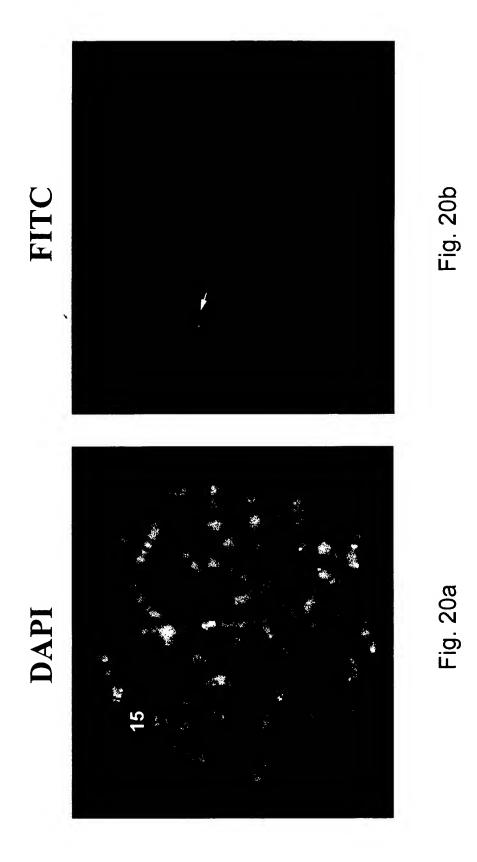


FIGURE 19



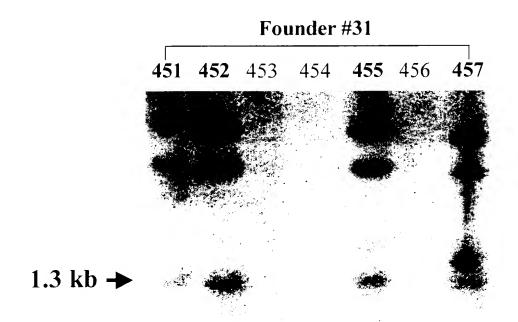
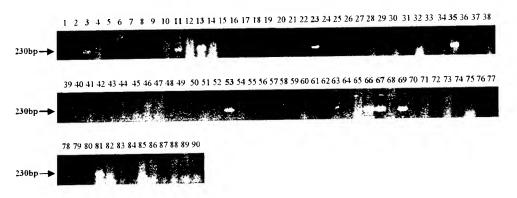


FIGURE 21

a.



b.

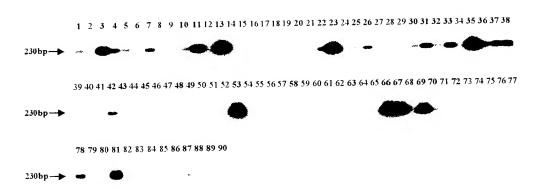


Fig. 23 Human Interferon- β Expression in Transgenic Chicken (F0)

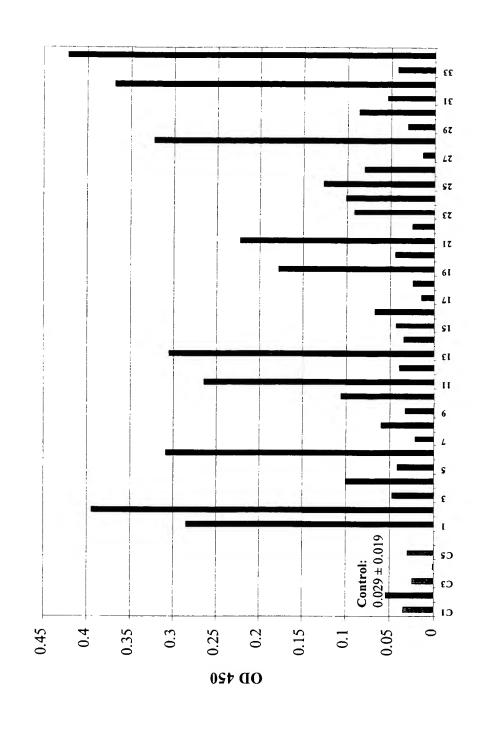


Fig. 24

interferon-β gene and Verified by a 3rd Oligo PCR Screen of F₀ Goats with human

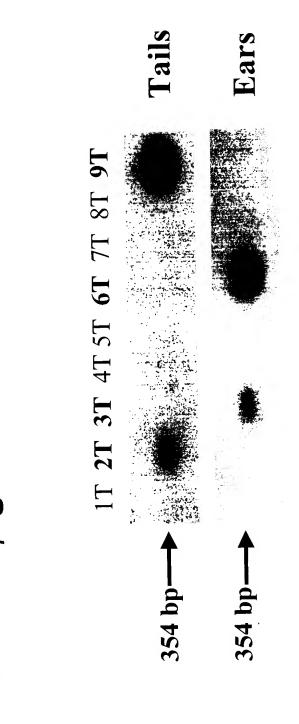
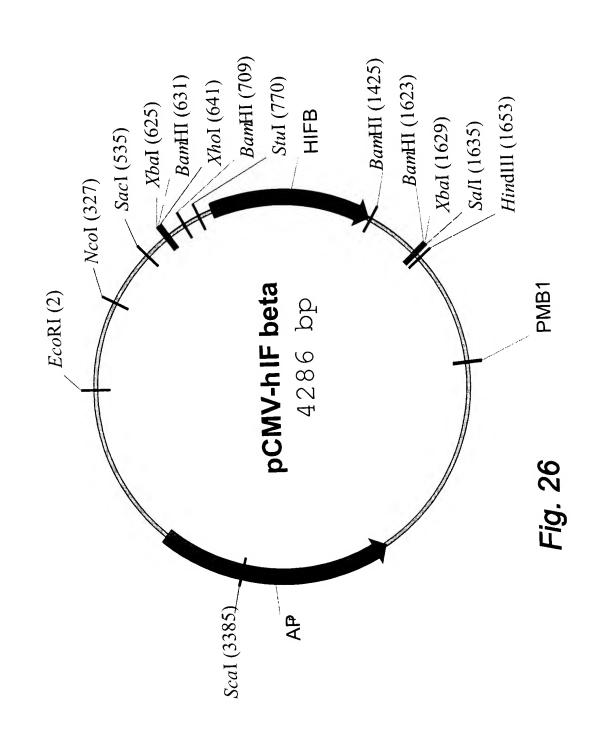


Fig. 25



Southern Blot Analysis of F1 Generation in Pigs

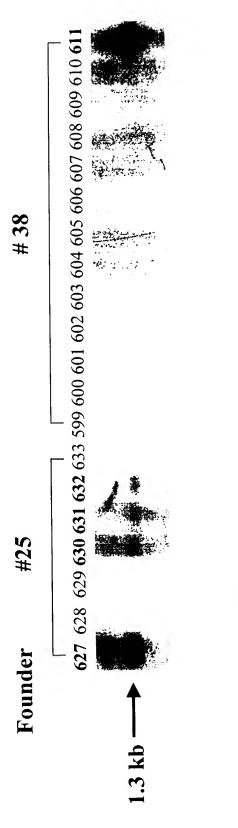


Fig. 27